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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 41305/271123

First Inventor Mjalli, Adnan M. M. et al.

Title CARBOXAMIDE DERIVATIVES AS THERAPEUTIC AGENTS

Express Mail Label No EL 894961253 US

03/05/02  
10/09/02  
U.S. PTO  
Jc886**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 104]  
(preferred arrangement set forth below)  
- Descriptive title of the Invention  
- Cross Reference to Related Applications  
- Statement Regarding Fed sponsored R & D  
- Reference to sequence listing, a table,  
or a computer program listing appendix  
- Background of the Invention  
- Brief Summary of the Invention  
- Brief Description of the Drawings (if filed)  
- Detailed Description  
- Claim(s)  
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total Sheets ]
5. Oath or Declaration [Total Pages 2]  
a. ☒ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)  
i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Form (CRF)  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies); or  
ii. ☐ paper  
c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☒ 37 C.F.R. §3.73(b) Statement ☒ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information. Examiner \_\_\_\_\_

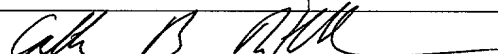
Group / Art Unit: \_\_\_\_\_

For **CONTINUATION** or **DIVISIONAL** APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied  
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

|         |  |           |                |          |              |  |
|---------|--|-----------|----------------|----------|--------------|--|
| Name    | Cynthia B. Rothschild                              |           |                |          |              |  |
| Address | Kilpatrick Stockton LLP<br>1001 West Fourth Street |           |                |          |              |  |
| City    | Winston-Salem                                      | State     | NC             | Zip Code | 27101        |  |
| Country | USA  | Telephone | (336) 607-7300 | Fax      | 336-607-7500 |  |

|                   |   |                                   |               |
|-------------------|---|-----------------------------------|---------------|
| Name (Print/Type) | Cynthia B. Rothschild   | Registration No. (Attorney/Agent) | 47,040        |
| Signature         |  | Date                              | March 5, 2002 |

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## FEE TRANSMITTAL for FY 2002

*Patent fees are subject to annual revision.*

**TOTAL AMOUNT OF PAYMENT** (\$) 854

### Complete if Known

|                      |                          |
|----------------------|--------------------------|
| Application Number   | Unassigned               |
| Filing Date          | Herewith                 |
| First Named Inventor | Mjalli, Adnan M M et al. |
| Examiner Name        | To be assigned           |
| Group / Art Unit     | To be assigned           |
| Attorney Docket No.  | 41305/271123             |

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

16-1435

Deposit  
Account  
Name

Kilpatrick Stockton LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money  
Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description        | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101                  | 740                   | 201                  | 370                   | Utility filing fee     | 370      |
| 106                  | 330                   | 206                  | 165                   | Design filing fee      |          |
| 107                  | 510                   | 207                  | 255                   | Plant filing fee       |          |
| 108                  | 740                   | 208                  | 370                   | Reissue filing fee     |          |
| 114                  | 160                   | 214                  | 80                    | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$ 370)

#### 2. EXTRA CLAIM FEES

|                       |    |        |   |    |   |    |   |     |
|-----------------------|----|--------|---|----|---|----|---|-----|
| Total Claims          | 60 | -20 ** | = | 40 | X | 9  | = | 360 |
| Independent<br>Claims | 5  | -3 **  | = | 2  | X | 42 | = | 84  |
| Multiple<br>Dependent |    |        |   |    | X |    | = | 0   |

| Large<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Small<br>Fee<br>Code | Entity<br>Fee<br>(\$) | Fee Description  |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103                  | 18                    | 203                  | 9                     | Claims in excess of 20                                     |
| 102                  | 84                    | 202                  | 42                    | Independent claims in excess of 3                          |
| 104                  | 280                   | 204                  | 140                   | Multiple dependent claim, if not paid                      |
| 109                  | 84                    | 209                  | 42                    | ** Reissue independent claims over original patent         |
| 110                  | 18                    | 210                  | 9                     | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$ 444)


\*\*or number previously paid, if greater, For Reissues, see above

### FEE CALCULATION (continued)

| Large<br>Entity<br>Fee<br>Code           | Large<br>Entity<br>Fee<br>(\$) | Small<br>Entity<br>Fee<br>Code | Small<br>Entity<br>Fee<br>(\$) | Fee Description  | Fee Paid |
|--|--------------------------------|--------------------------------|--------------------------------|--|----------|
| 105                                      | 130                            | 205                            | 65                             | Surcharge - late filing fee or oath  |          |
| 127                                      | 50                             | 227                            | 25                             | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                                      | 130                            | 139                            | 130                            | Non-English specification  |          |
| 147                                      | 2,520                          | 147                            | 2,520                          | For filing a request for reexamination                                     |          |
| 112                                      | 920*                           | 112                            | 920*                           | Requesting publication of SIR prior to Examiner action                     |          |
| 113                                      | 1,840*                         | 113                            | 1,840*                         | Requesting publication of SIR after Examiner action                        |          |
| 115                                      | 110                            | 215                            | 55                             | Extension for reply within first month                                     |          |
| 116                                      | 400                            | 216                            | 200                            | Extension for reply within second month                                    |          |
| 117                                      | 920                            | 217                            | 460                            | Extension for reply within third month                                     |          |
| 118                                      | 1,440                          | 218                            | 720                            | Extension for reply within fourth month                                    |          |
| 128                                      | 1,960                          | 228                            | 980                            | Extension for reply within fifth month                                     |          |
| 119                                      | 320                            | 219                            | 160                            | Notice of Appeal   |          |
| 120                                      | 320                            | 220                            | 160                            | Filing a brief in support of an appeal                                     |          |
| 121                                      | 280                            | 221                            | 140                            | Request for oral hearing   |          |
| 138                                      | 1,510                          | 138                            | 1,510                          | Petition to institute a public use proceeding                              |          |
| 140                                      | 110                            | 240                            | 55                             | Petition to revive - unavoidable   |          |
| 141                                      | 1,280                          | 241                            | 640                            | Petition to revive - unintentional   |          |
| 142                                      | 1,280                          | 242                            | 640                            | Utility issue fee (or reissue)   |          |
| 143                                      | 460                            | 243                            | 230                            | Design issue fee   |          |
| 144                                      | 620                            | 244                            | 310                            | Plant issue fee  |          |
| 122                                      | 130                            | 122                            | 130                            | Petitions to the Commissioner  |          |
| 123                                      | 50                             | 123                            | 50                             | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 126                                      | 180                            | 126                            | 180                            | Submission of Information Disclosure Stmt                                  |          |
| 581                                      | 40                             | 581                            | 40                             | Recording each patent assignment per property (times number of properties) | 40       |
| 146                                      | 740                            | 246                            | 370                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149                                      | 740                            | 249                            | 370                            | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179                                      | 740                            | 279                            | 370                            | Request for Continued Examination (RCE)                                    |          |
| 169                                      | 900                            | 169                            | 900                            | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____                |                                |                                |                                |  |          |
| <b>*Reduced by Basic Filing Fee Paid</b> |                                |                                |                                |  |          |
| <b>SUBTOTAL (3)</b>                      |                                |                                |                                |  | (\$ 40)  |

### SUBMITTED BY

### Complete (if applicable)

|                   |   |                                 |        |           |                |
|-------------------|---|---------------------------------|--------|-----------|----------------|
| Name (Print/Type) | Cynthia B. Rothschild   | Registration No. Attorney/Agent | 47,040 | Telephone | (336) 607-7300 |
| Signature         |  |                                 |        | Date      | March 5, 2002  |

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EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number: EL 894961253 US


Date of Deposit: March 5, 2002

Type of Document(s): Utility Patent Application Transmittal;  
Fee Transmittal for FY 2002 (duplicate);  
104 pages Specification, Claims  
and Abstract;  
Declaration for Patent Application;  
Power of Attorney;  
Recordation Form Cover Sheet;  
Assignment of Invention: and  
Return postcard

Serial No.: Unassigned

Date Filed: Herewith

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

  
Catherine A. Johnson